

Title (en)

Basic device system for a stepping motor having improved reset means

Title (de)

Basisantriebssystem für einen Schrittmotor mit verbesserter Rücksetzschaltung

Title (fr)

Système d'entraînement à base de moteur pas à pas comprenant des moyens perfectionnés de remise à zéro

Publication

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Application

EP 96400749 A 19960405

Priority

FR 9504166 A 19950407

Abstract (en)

[origin: EP0736964A1] The drive system includes the stepper motor (10), a lever connected to the shaft of the motor (10), a mechanical zero stop (14) designed to stop rotor movement when the lever reaches the stop and an electrical control system (50). The control system (50) generates a sequence of electrical control signals which drives the motor in the forward and reverse directions, the signal sequence corresponding to successive regular magnetic cycles. The control system (50) is designed to attenuate the amplitude of the control signals corresponding too a negative couple applied to the motor, over one at least (I,II) of the magnetic cycle sectors of the signal sequence which causes reverse rotation, with respect to the other sectors, so as to control return to zero.

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H02P 8/34; **G01D 11/16**

IPC 8 full level

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CPC (source: EP)

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